Form PTO-1449 (Substitute)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number BEAS-01436US2	Application/Patent Number 10/784,346
	Information Disclosure Statement **BY APPLICANT** *(Use several sheets if necessary)*	Applicant/Patent Owner Josh Eckels, *et al.*	
		Filing/Issue Date February 23, 2004	Group Art Unit 2192

U.S. PATENTS							
Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
/TD/	1	6,012,083 A	01-2000	Savitzky, et al.	709	202	
	2	6,070,184 A	05-2000	Blount, et al.	709	200	
	3	6,141,701 A	19-2000	Whitney, Mark M.	710	5	
	4	6,212,546 B1	04-2001	Starkovich, et al.	709	203	
	5	6,243,737 B1	06-2001	Flanagan, et al.	709	202	
	6	6,292,932	09-2001	Baisley, et al.	717	114	
	7	6,330,569	12-2001	Baisley, et al.	707	203	
	8	6,343,265	01-2002	Glebov, et al.	703	25	
	9	6,367,068	04-2002	Vaidyanathan, et al.	717	143	
	10	6,377,939	04-2002	Young, Derek M.	705	34	
	11	6,408,311	06-2002	Baisley, et al.	707	203	
	12	6,411,698 B1	06-2002	Bauer, et al.	370	207.01	
	13	6,445,711 B1	09-2002	Scheel, et al.	370	402	
	14	6,560,769	05-2003	Moore, et al.	717	100	
	15	6,594,700	07-2003	Graham, et al.	709	230	
	16	6,643,652 B2	11-2003	Helgeson, et al.	707	10	
	17	6,678,518	01-2004	Eerola, Severi	455	422.1	
	18	6,687,848	02-2004	Najmi, Farrukh S.	714	4	
	19	6,721,740	04-2004	Skinner, et al.	707	10	
	20	6,721,779 B1	04-2004	Maffeis, Silvano	709	202	
	21	6,748,420	06-2004	Quatrano, et al.	709	205	
	22	6,832,238 B1	12-2004	Sharma, et al.	709	201	
	23	6,836,883	12-2004	Abrams, et al.	717	140	

Form PTO-1449 (Substitute)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number BEAS-01436US2	Application/Patent Number 10/784,346
	Information Disclosure Statement **BY APPLICANT** *(Use several sheets if necessary)*	Applicant/Patent Owner Josh Eckels, *et al.*	
		Filing/Issue Date February 23, 2004	Group Art Unit 2192

U.S. PATENTS

Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
/TD/	24	6,847,981 B2	01-2005	Song, et al.	707	104.1	
	25	6,850,979	02-2005	Saulpaugh, et al.	709	225	
	26	6,859,180	02-2005	Rivera, David F.	343	709	
	27	6,889,244 B1	05-2005	Gaither, et al.	709	202	
	28	6,915,519	07-2005	Williamson, et al.	719	313	
	29	6,918,084	07-2005	Slaughter, et al.	715	513	
	30	6,922,827	07-2005	Vasilik, et al.	717	140	
	31	6,963,914 B1	11-2005	Breitbart, et al.	709	226	
	32	6,976,086	12-2005	Sadeghi, et al.	709	236	
	33	7,043,722	05-2006	Bau, III, David	717	151	
	34	7,051,072	05-2006	Stewart, et al.	709	204	
	35	7,054,858	05-2006	Sutherland, James Bryce	707	4	
	36	7,072,934 B2	07-2006	Helgeson, et al.	709	203	
	37	7,073,167	07-2006	Iwashita, Hidetoshi	717	140	
	38	7,076,772 B2	07-2006	Zatloukal, Kevin	717	147	
	39	7,107,578 B1	09-2006	Alpern, David M.	717	124	
	40	7,117,504 B2	10-2006	Smith, et al.	709	201	
	41	7,127,704 B2	10-2006	Van De Vanter et al.	717	112	
	42	7,146,422	12-2006	Marlatt, et al.	709	227	
	43	7,155,705	12-2006	Hershberg, et al.	717	137	
	44	7,260,599	08-2007	Bauch, et al.	709	202	

U.S. Patent Application No. 10/784,346
Attorney Docket No.: BEAS-01436US2
M:\tliu\wp\BEAS\1400-1500\1436US2\IDS5.wpd
Examiner Signature: /Thuy Dao/   Date Considered: 11/04/2007

U.S. PATENT PUBLICATIONS

Examiner Initial		Patent Application Publication Number	Publication Date	Applicant
/TD/	45	2002/0004848	01-2002	Sudarshan, et al.
	46	2002/0010803	01-2002	Oberstein, et al.
	47	2002/0035604 A1	03-2002	Cohen, et al.
	48	2002/0083075	06-2002	Brummel, et al.
	49	2002/0120685 A1	08-2002	Srivastava et al.
	50	2002/0152106	10-2002	Stoxen, et al.
	51	2002/0184610	12-2002	Chong, et al.
	52	2003/0004746 A1	01-2003	Kheirolomoom, et al.
	53	2003/0014439	01-2003	Boughannam, Akram
	54	2003/0023957	01-2003	Bau, et al.
	55	2003/0043191 A1	03-2003	Tinsley, et al.
	56	2003/0055868 A1	03-2003	Fletcher, et al.
	57	2003/0055878 A1	03-2003	Fletcher, et al.
	58	2003/0084203	05-2003	Yoshida, et al.
	59	2003/0110446	06-2003	Nemer, Nicole A.
	60	2003/0126136 A1	07-2003	Omoigui, Nosa
	61	2003/0149791	08-2003	Kane, et al.
	62	2003/0167358	09-2003	Marvin, et al.
	63	2003/0196168	10-2003	Hu, Jingkun
	64	2004/0019645	01-2004	Goodman, et al.
	65	2004/0103406	05-2004	Patel, Sushma, Bharat
	66	2004/0148336 A1	07-2004	Hubbard, et al

U.S. PATENT PUBLICATIONS

Examiner Initial		Patent Application Publication Number	Publication Date	Applicant
/TD/	67	2004/0204976	10-2004	Oyama, et al.
	68	2004/0216086	10-2004	Bau, David
	69	2004/0260715	12-2004	Mongeon, et al.
	70	2006/0206856 A1	09-2006	Breeden, et al.

NON-PATENT LITERATURE DOCUMENTS

(Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, pages, volume-issue number(s), publisher, city and/ or country where published.

/TD/	71	SOSNOSKI, "XML and Java Technologies: Data Binding, Part 1: Code Generation Approaches – JAXB and More", IBM, January 1, 2003, pp. 1-11; http://www-128.ibm.com/developerworks/library/x-databdopt/index.html
	72	EMBURY, S.M., et al., "Assisting the Comprehension of Legacy Transactions", Proceedings of the Eighth Working Conference on Reverse Engineering, October 2-5, 2001, © 2001 IEEE, pages 345-354.
	73	MAYS, E., et al., "A Persistent Store for Large Shared Knowledge Bases", IEEE Transactions on Knowledge and Data Engineering, March 1991, Vol. 3, Issue 1, © 1991 , pages 33-41.
	74	TANG, C., et al., "Integrating Remote Invocation and Distributed Shared State", Proceedings of the 18th International Parallel and Distributed Processing Symposium, (IPDPS '04), © 2004 IEEE, April 26-30, 2004, 10 pages.
	75	JAVA Debug Interface-definition, retrieved from <URL http://java.sun.com/j2se/1.4.2/docs/guide/jpda/jdi/overview-summary.html on 02/21/2007, 3 pages.
	76	KILGORE, R.A., "Multi-Language, Open-Source Modeling Using the Microsoft.NET Architecture, Proceedings of the Winter Simulation Conference, December 8-11, 2002, © 2006, IEEE, pages 629-633.
	77	CHEN, et al., "eCo Architecture for Electronic Commerce Interoperabillity", CommerceNet eCo Framework Project, June 29, 1999, © 1999 by CommerceNet, Inc., pages 1-107.

U.S. Patent Application No. 10/784,346
Attorney Docket No.: BEAS-01436US2
M:\tliu\wp\BEAS\1400-1500\1436US2\IDS5.wpd
Examiner Signature: /Thuy Dao/

- 7 -

Date Considered: 11/04/2007

Form PTO-1449 *(Substitute)*	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number BEAS-01436US2	Application/Patent Number 10/784,346
	Information Disclosure Statement **BY APPLICANT** *(Use several sheets if necessary)*	Applicant/Patent Owner Josh Eckels, *et al.*	
		Filing/Issue Date February 23, 2004	Group Art Unit 2192

		NON-PATENT LITERATURE DOCUMENTS (Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, pages, volume-issue number(s), publisher, city and/ or country where published.
/TD/	78	MICROSOFT, "Microsoft.net Framework", © 2001, Microsoft Corporation, Redmond, WA, USA, pages 1-50.
/TD/	79	WILLINK, E., "Meta-Compilation for C++", January 4, 2000, University of Surrey, Guildford, Surrey, England, 379 pages.

Examiner	/Thuy Dao/	Date Considered	11/04/2007

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*1 = Copy not submitted because it was submitted in prior application SN __/_____, filed _____, 20___, relied on under 35 USC §120.
**2 = Copy not submitted because it was submitted in prior application SN __/_____, filed _____, 20___, relied on under 35 USC §120.

Form PTO-1449 (Substitute)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number BEAS-01436US2	Application/Patent Number 10/784,346
	Information Disclosure Statement BY APPLICANT (Use several sheets if necessary)	Applicant/Patent Owner Josh Eckels, et al.	
		Filing/Issue Date February 23, 2004	Group Art Unit 2192

U.S. PATENTS

Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
/TD/	1	5,469,562	11-1995	Saether, Christian D.	714	20	
	2	5,604,860 A	02-1997	McLaughlin, et al.	715	866	
	3	5,630,131	05-1997	Palevich, et al.	717	108	
	4	5,944,794 A	08-1999	Okamoto, et al.	709	225	
	5	6,016,495	01-2000	McKeehan, et al.	707	103R	
	6	6,018,730 A	01-2000	Nichols, et al.	706	45	
	7	6,023,578 A	02-2000	Birsan, et al.	717	105	
	8	6,067,623	05-2000	Blakley, et al.	726	5	
	9	6,311,327	10-2001	O'Brien, et al.	717	114	
	10	6,334,114	12-2001	Jacobs, et al.	705	26	
	11	6,360,358	03-2002	Elsbree, et al.	717	120	
	13	6,470,364 B1	10-2002	Prinzing, Timothy N.	715	530	
	14	6,516,322 B1	02-2003	Meredith, Lucius Gregory	707	102	
	15	6,584,454	06-2003	Hummel, et al.	705	59	
	16	6,601,113	07-2003	Koistinen, et al.	719	316	
	17	6,609,115	08-2003	Mehring, et al.	705	51	
	18	6,615,258	09-2003	Barry, et al.	709	223	
	19	6,636,491 B1	10-2003	Kari, et al.	370	328	
	20	6,637,020 B1	10-2003	Hammond, Barton Wade	717	107	
	21	6,654,932 B1	11-2003	Bahrs, et al.	715	507	
	22	6,684,388	01-2004	Gupta, et al.	717	136	
	23	6,754,884 B1	06-2004	Lucas, et al.	717	108	
	24	6,789,054 B1	09-2004	Makhlouf, Mahmoud A.	703	6	

Examiner Signature: /Thuy Dao/   Date Considered: 11/04/2007

Form PTO-1449 (Substitute)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket Number BEAS-01436US2	Application/Patent Number 10/784,346
	Information Disclosure Statement **BY APPLICANT** *(Use several sheets if necessary)*	Applicant/Patent Owner Josh Eckels, et al.	
		Filing/Issue Date February 23, 2004	Group Art Unit 2192

U.S. PATENTS

Examiner Initial		Patent Number	Issue Date	First Named Inventor	Class	Subclass	Filing Date
/TD/	25	6,799,718	10-2004	Chan, et al.	235	375	
	26	6,823,495	11-2004	Vedula et al.	715	805	
	27	6,836,883	12-2004	Abrams, et al.	717	140	
	28	6,874,143	03-2005	Murray, et al.	717	173	
	29	6,950,872	09-2005	Todd, II, James W.	709	227	
	30	6,971,096 B1	11-2005	Ankireddipally, et al.	718	101	
	31	7,000,219	02-2006	Barrett, et al.	717	107	
	32	7,017,146 B2	03-2006	Dellarocas, et al.	717	106	
	33	7,043,722 B2	05-2006	Bau, III, David	717	151	
	34	7,062,718 B2	06-2006	Kodosky, et al.	715	771	
	35	7,069,507	06-2006	Alcazar, et al.	715	530	
	36	7,096,422	08-2006	Rothschiller, et al.	715	513	
	37	7,111,243 B1	09-2006	Ballard, et al.	715	744	
	38	7,143,186	11-2006	Stewart, et al.	709	245	
	39	7,184,967 B1	02-2007	Mital, et al.	705	8	
	40	7,240,331 B2	07-2007	Vion-Dury, et al.	717	117	

U.S. PATENT PUBLICATIONS

Examiner Initial		Patent Application Publication Number	Publication Date	Applicant		
/TD/	41	2002/0073396 A1	06-2002	Crupi, et al.		
	42	2002/0111922	08-2002	Young, et al.		
	43	2002/0143960 A1	10-2002	Goren, et al.		

Examiner Signature: /Thuy Dao/   Date Considered: 11/04/2007

Information Disclosure Statement
BY APPLICANT
(Use several sheets if necessary)

Applicant/Patent Owner
Josh Eckels, et al.

| Filing/Issue Date | Group Art Unit |
| February 23, 2004 | 2192 |

U.S. PATENT PUBLICATIONS

Examiner Initial		Patent Application Publication Number	Publication Date	Applicant
/TD/	44	2002/0161826 A1	10-2002	Arteaga, et al.
	45	2002/0194244	12-2002	Raventos, Joan
	46	2003/0018661	01-2003	Darugar, Parand Tony
	47	2003/0028579 A1	02-2003	Kulkrni, et al.
	48	2003/0046591 A1	03-2003	Asghari-Kamrani, et al.
	49	2003/0051066 A1	03-2003	Pace, et al.
	50	2003/0074217 A1	04-2003	Beisiegel, et al.
	51	2003/0079029 A1	04-2003	Garimella, et al.
	52	2004/0040011 A1	02-2004	Bosworth, et al.
	53	2004/0078373	04-2004	Ghoneimy, et al.
	54	2005/0050068	03-2005	Vaschillo, et al.
	55	2006/0234678 A1	10-2006	Juitt, et al.
	56	2007/0038500 A1	02-2007	Hammitt, et al.

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Publication Date	Country	Class	Subclass	Translation Yes	No
/TD/	57	WO 99/23558	05-1999	PCT	G06F			
	58	WO 00/29924 A	05-2000	PCT	G06F			
	59	CA 2,248,634 A1	03-2000	Canada	H04L			

U.S. Patent Application No. 10/784,346
Attorney Docket No.: BEAS-01436US2
M:\tliu\wp\BEAS\1400-1500\1436US2\IDS6.wpd
Examiner Signature: /Thuy Dao/

- 6 -

Date Considered: 11/04/2007

NON-PATENT LITERATURE DOCUMENTS

(Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, pages, volume-issue number(s), publisher, city and/ or country where published.

/TD/		60	BOGUNOVIC, N., "A Programming Model for Composing Data-Flow Collaborative Applications", R. Boskovic I29924 Anstitute, Zagreb, 10000, Croatia, IEEE, March, 1999, 7 pages, retrieved 04/10/2007.
		61	SUNG, S.Y., et al., "A Multimedia Authoring Tool for the Internet", © 1997 IEEE, pages 304-308, retrieved 04/10/2007.
		62	SMITH, M., et al., "Marching Towards a Software Reuse Future", ACM Ada Letters, Vol. XIV, Number 6, November/December 1994, pages 62-72, retrieved 4/10/2007.
		63	MOHAN, C., et al, "ARIES: A Transaction Recovery Method Supporting Fine-Granularity Locking and Partial Rollbacks Using Write-Ahead Logging", © 1992, ACM Transactions on Database Systems, Vol. 17, No. 1, March 1992, pages 94-162.
		64	BEA, "Transforming Data Using Xquery Mapper", BEA AquaLogic Service Bus. 2.0 Documentation, 2006, pages 1-19.
		65	STYLUS STUDIO, "Xquery Mapper", Stylus Studio®, 06-05-2007, pages 1-6; http://www.stylusstudio.com/xquery_mapper.html.
		66	ALTOVA, "XML-to-XML Mapping", Altova MapForce®, 2007, pages 1-3.
		67	JAMPER, "Jamper-Java XML Mapper", Sourceforge.Net®, 06-06-2007, pages 1-4; http://jamper.sourceforge.net/
		68	ALONSO, G., et al., "Advanced Transaction Models in Workflow Contexts", Proceedings of the 12th International Conference on Data Engineering, February 1996, retrieved from: http://citeseer.ist.psu.edu/alonso96advanced.html
		69	VAN DER ALST, WMP, et al., "XML Based Schema Definition for Support of Inter-organizational Workflow", University of Colorado and University of Eindhoven report, 2000, retrieved from: http://citeseer.ist.psu.edu/vanderaalst00xml.html.
		70	PLAINDOUX, D., "XML Transducers in Java", Proceedings of the 11th International World Wide Web Conference, Sheraton Waikiki Hotel, Honolulu, HI, USA, May 2002, retrieved from: http://www2002.org/CDROM/poster/132/index.html.
∨		71	Supplementary European Search Report, EP02784131.1 - 1243 - PCT/US/0233098, August 8, 2007, 4 pages.

NON-PATENT LITERATURE DOCUMENTS

(Include name of the author (in CAPITAL LETTERS), title of the article, title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, pages, volume-issue number(s), publisher, city and/ or country where published.

| /TD/ | 72 | ALLAMARAJU, et al., "Professional Java Server Programming J2EE 1.3 Edition", WROX, XP-002442953, ISBN: 1-861005-37-7, September 2001, page 1009 - page 1057. |
| /TD/ | 73 | SUN MICROSYSTEMS: "J2EE™ Connector Architecture 1.0", XP-002442954, August 2001; retrieved from the Internet: URL: http://java.sun.com/j2ee/connector/download.html> |

| Examiner | /Thuy Dao/ | Date Considered: | 11/04/2007 |

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*1 = Copy not submitted because it was submitted in prior application SN __/_____, filed _____, 20___, relied on under 35 USC §120.
**2 = Copy not submitted because it was submitted in prior application SN __/_____, filed _____, 20___, relied on under 35 USC §120.